

SECTION III. OPERATION

4.3.1 INTRODUCTION

The wind sensor is precalibrated and requires no adjustment after it has been properly installed on the tower. ASOS uses the wind speed and wind direction sensors in a polled mode of operation where the wind sensor is automatically polled by the data collection package (DCP) to read the wind speed and wind direction data. A sensor status flag is included with the wind speed and wind direction data to indicate the results (pass/fail) of the wind sensor's internal diagnostics. The diagnostic test responses received from the wind sensor are displayed on the wind speed and direction sensor page, which is explained in Chapter 1. All communications with the wind sensor are performed via this diagnostic page. There are no special operating procedures for the wind sensor.